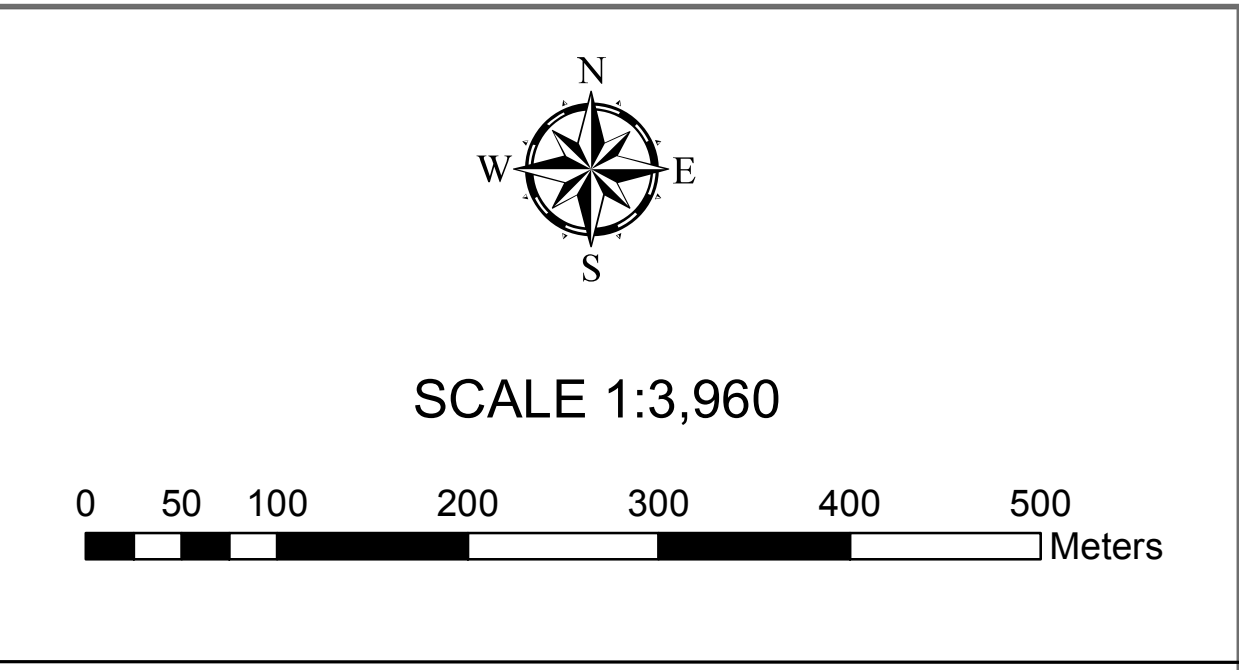
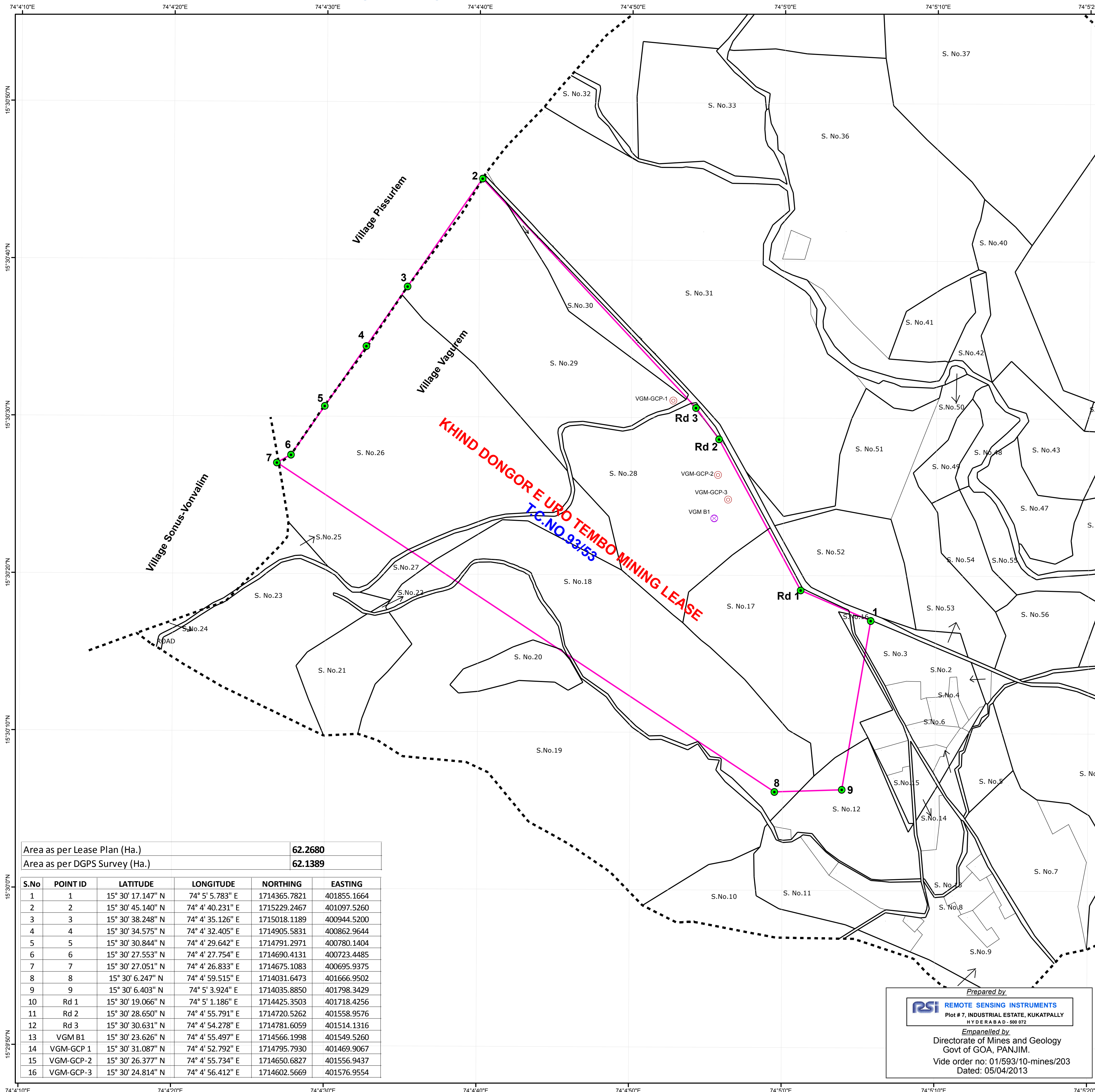


**VIJAY V.CHOWGULE FOR LEGAL HEIRS OF LATE SHRI V.D.CHOWGULE, CHOWGULE HOUSE MORMUGAO, HARBOUR-GOIA.**  
**Geo Referenced Cadastral Map of Khind Dongor E Uro Tembo Mining Lease, bearing T.C. No. 93 of 1953, situated**  
**in Vagurem Village of Satari Taluka, North Goa District, Goa State.**

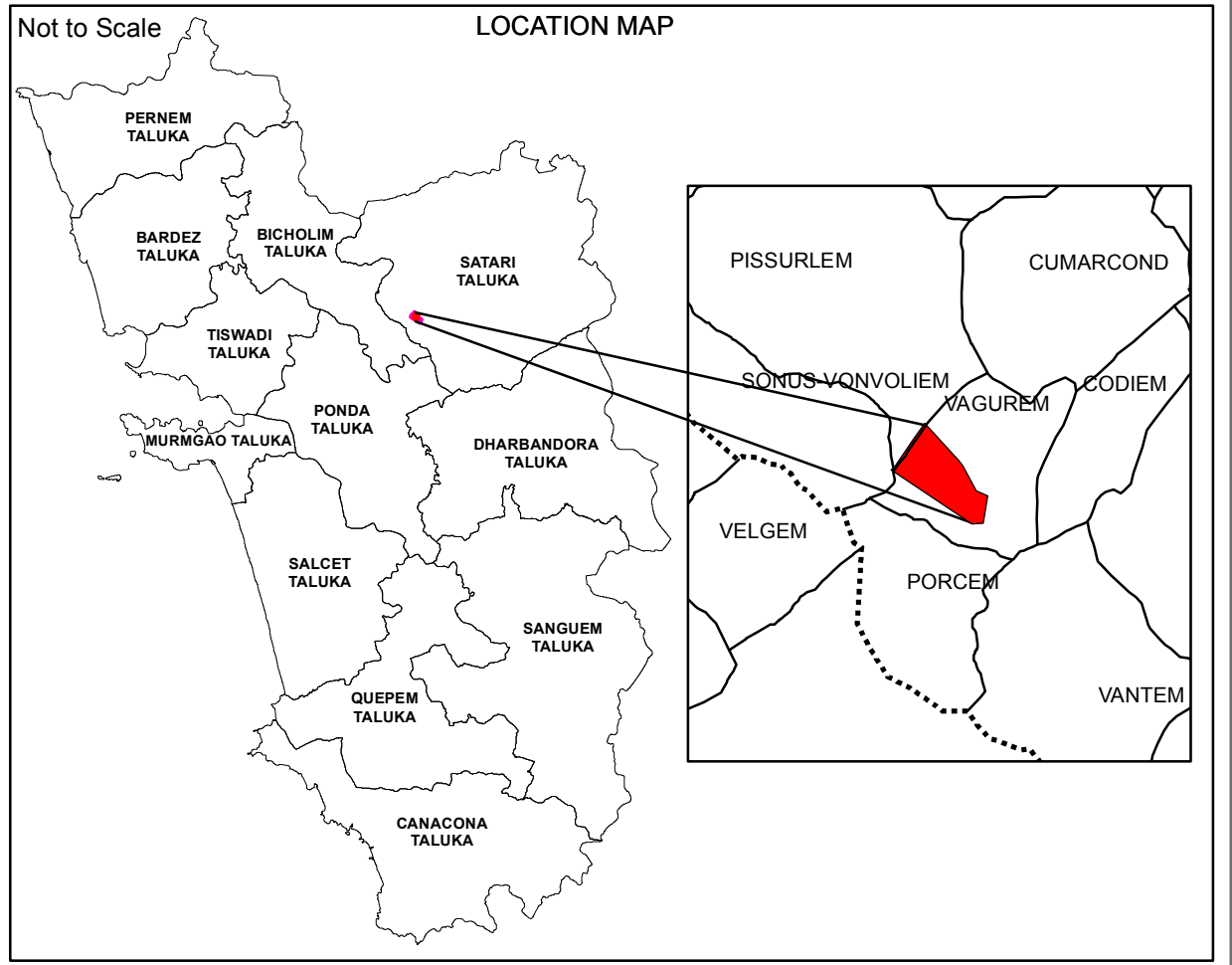


**Legend**

- DGPS POINT OF LEASE BOUNDARY
- LEASE BOUNDARY AS PER DGPS SURVEY
- SURVEY No BOUNDARY
- SUB-DIVISION OF THE SURVEY No
- VILLAGE BOUNDARY
- ⊗ BASE STATION
- ⊙ GROUND CONTROL POINTS



**DATUM : WGS 84**  
**PROJECTION : UTM\_Zone\_43N**



Area as per Lease Plan (Ha.)	<b>62.2680</b>
Area as per DGPS Survey (Ha.)	<b>62.1389</b>

S.No	POINT ID	LATITUDE	LONGITUDE	NORTHING	EASTING
1	1	15° 30' 17.147" N	74° 5' 5.783" E	1714365.7821	401855.1664
2	2	15° 30' 45.140" N	74° 4' 40.231" E	1715229.2467	401097.5260
3	3	15° 30' 38.248" N	74° 4' 35.126" E	1715018.1189	400944.5200
4	4	15° 30' 34.575" N	74° 4' 32.405" E	1714905.5831	400862.9644
5	5	15° 30' 30.844" N	74° 4' 29.642" E	1714791.2971	400780.1404
6	6	15° 30' 27.553" N	74° 4' 27.754" E	1714690.4131	400723.4485
7	7	15° 30' 27.051" N	74° 4' 26.833" E	1714675.1083	400695.9375
8	8	15° 30' 6.247" N	74° 4' 59.515" E	1714031.6473	401666.9502
9	9	15° 30' 6.403" N	74° 5' 3.924" E	1714035.8850	401798.3429
10	Rd 1	15° 30' 19.066" N	74° 5' 1.186" E	1714425.3503	401718.4256
11	Rd 2	15° 30' 28.650" N	74° 4' 55.791" E	1714720.5262	401558.9576
12	Rd 3	15° 30' 30.631" N	74° 4' 54.278" E	1714781.6059	401514.1316
13	VGM B1	15° 30' 23.626" N	74° 4' 55.497" E	1714566.1998	401549.5260
14	VGM-GCP-1	15° 30' 31.087" N	74° 4' 52.792" E	1714795.7930	401469.9067
15	VGM-GCP-2	15° 30' 26.377" N	74° 4' 55.734" E	1714650.6827	401556.9437
16	VGM-GCP-3	15° 30' 24.814" N	74° 4' 56.412" E	1714602.5669	401576.9554

Prepared by  
**RSI REMOTE SENSING INSTRUMENTS**  
 Plot # 7, INDUSTRIAL ESTATE, KUKATPALLY  
 HYDERABAD - 500 072  
 Empanelled by  
 Directorate of Mines and Geology  
 Govt of GOA, PANJIM.  
 Vide order no: 01/593/10-mines/203  
 Dated: 05/04/2013

**Certificate by Mines Manager**

This is to certify that the lease boundary pillars of T.C. No. 93 of 1953 have been surveyed and fixed on the ground by using Total Station and the same are surveyed by using DGPS (Differential Global Positioning System).

Mr.SANJAY CHAKRABORTY  
(Mines Manager)

**Certificate by Accredited Agency**

This is to certify that the lease boundary pillars of T.C.No. 93 of 1953, shown by Mr.SANJAY CHAKRABORTY (Mines Manager) has been surveyed by our team led by Shri.Ch Sivaiah using DGPS (Differential Global Positioning System) instruments. The lease map and pillar locations have been verified, survey conducted and plans prepared as per requirement of IBM circular No. 2/2010 dated 06-04-2010.

Shri. B.V Ramana Kumar  
(General Manager)

Directorate of Mines and Geology - Panaji -Goa	
Checked by	Certified by
_____ Surveying officer	_____ Director of Mines and Geology

Date of DGPS survey: 3rd June, 2013